



(12) **United States Design Patent**
Wu

(10) **Patent No.:** **US D991,609 S**
(45) **Date of Patent:** **** Jul. 4, 2023**

(54) **FILTER BUCKET FOR CLEANING EQUIPMENT**

2014/0263020 A1* 9/2014 MacDonald C02F 1/003
210/232
2016/0031257 A1* 2/2016 Pasinski B44D 3/126
15/257.06
2018/0282178 A1* 10/2018 Poindexter A47J 31/18
2021/0322903 A1* 10/2021 Astle B01D 35/153

(71) Applicant: **Chang-Hsin Wu**, Huwei Township,
Yunlin County (TW)

(72) Inventor: **Chang-Hsin Wu**, Huwei Township,
Yunlin County (TW)

(**) Term: **15 Years**

(21) Appl. No.: **29/814,599**

(22) Filed: **Nov. 8, 2021**

(51) **LOC (14) Cl.** **07-05**

(52) **U.S. Cl.**
USPC **D32/54**

(58) **Field of Classification Search**
USPC D23/209; D32/1, 25, 34, 45, 49, 53,
D32/53.1, 54
CPC B65D 1/42; B65D 25/14; B65D 25/102;
A47L 13/58; A47L 13/18; B44D 3/12;
B44D 3/10; B44D 3/128; B44D 3/126;
A47J 31/18; B01D 35/153
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,525,892 A * 7/1985 Vayas A47L 13/58
15/263
D322,768 S * 12/1991 Lillelund D11/147
D350,632 S * 9/1994 Cummins D32/53
D770,010 S * 10/2016 Poindexter D23/209
D771,341 S * 11/2016 Kobasky D32/54
D804,126 S * 11/2017 Rueckheim D32/53
D832,545 S * 10/2018 Rus D32/54
D832,546 S * 10/2018 Rus D32/54
10,493,794 B1 * 12/2019 Ryan B44D 3/128
2005/0133517 A1 * 6/2005 Jackson B44D 3/128
220/699

OTHER PUBLICATIONS

grainger.com Dupont, Water Filter Pitcher System https://www.grainger.com/product/25CA58?gucid=N:N:PS:Paid:GGL:CSM-2295:4P7A1P:20501231&gclid=EAIaIqObChMliNjy8KuT_glVjHxvBB083Ae8EAQYAiABEgJrAPD_BwE&gclsrc=aw.ds (Year: 2023).*

duraamen.com strainer for 5 gallon pail Duraamen Engineered products inc https://duraamen.com/shop/tools-accessories/strainer-for-5-gal-pail/?attribute_quantity=5+pack (Year: 2023).*

* cited by examiner

Primary Examiner — Kevin K Rudzinski
Assistant Examiner — Richard E Yenchesky

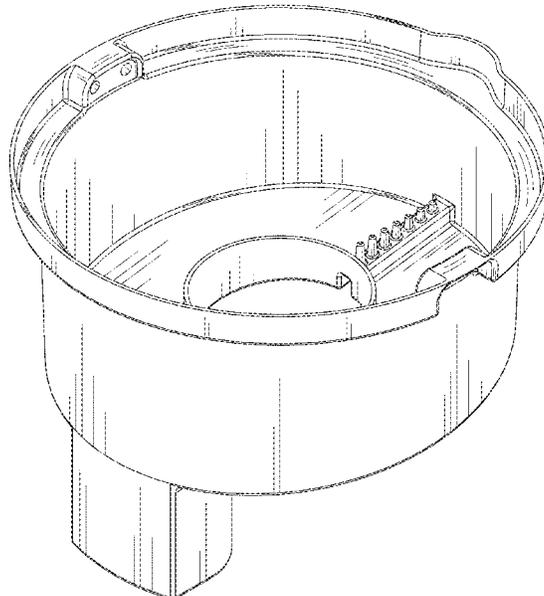
(57) **CLAIM**

The ornamental design for a filter bucket for cleaning equipment, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a filter bucket for cleaning equipment showing my new design;
FIG. 2 is another perspective view thereof;
FIG. 3 is a front elevational view thereof;
FIG. 4 is a rear elevational view thereof;
FIG. 5 is a left side elevational view thereof;
FIG. 6 is a right side elevational view thereof;
FIG. 7 is a top plan view thereof; and,
FIG. 8 is a bottom plan view thereof.

1 Claim, 8 Drawing Sheets



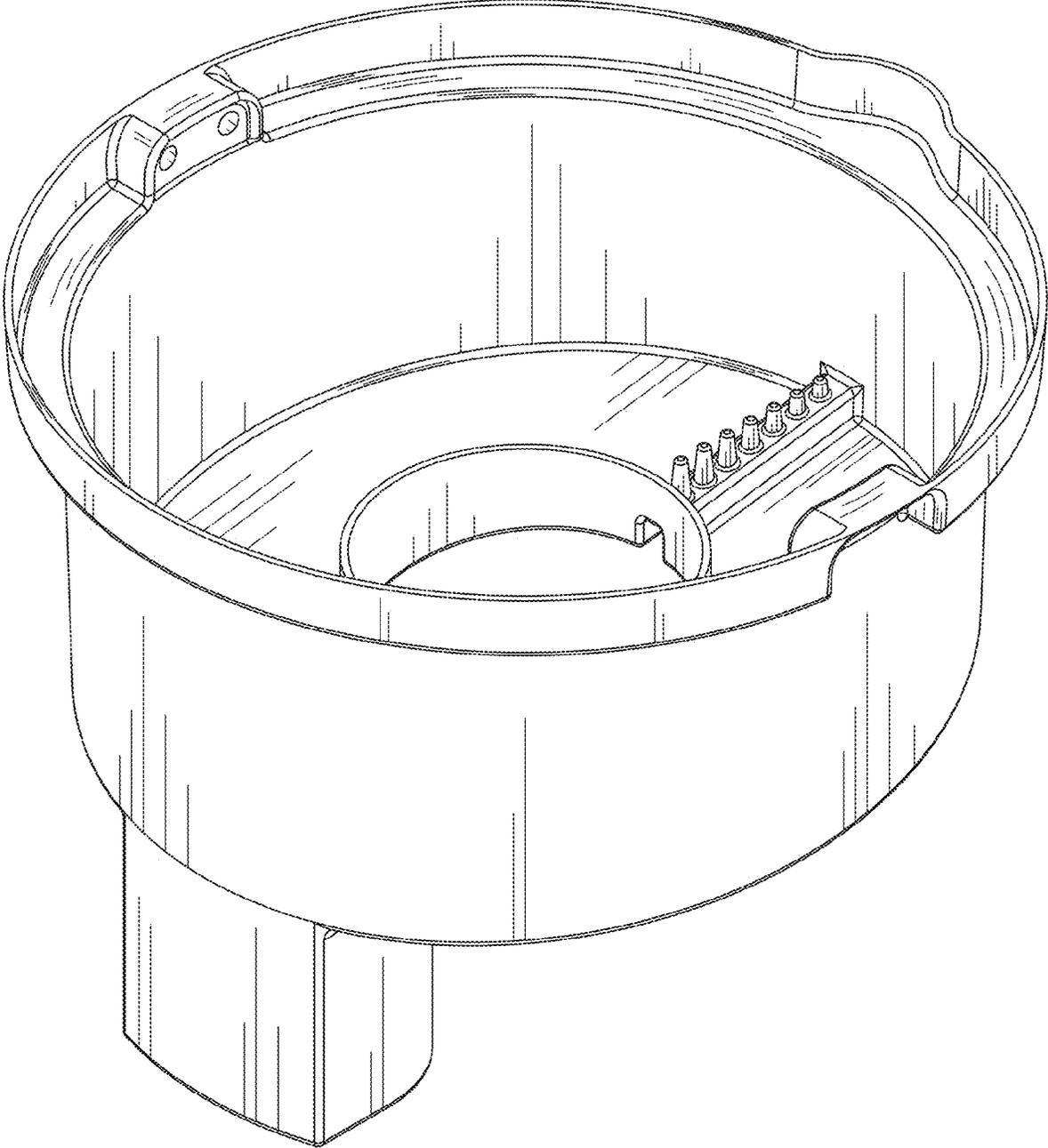


FIG. 1

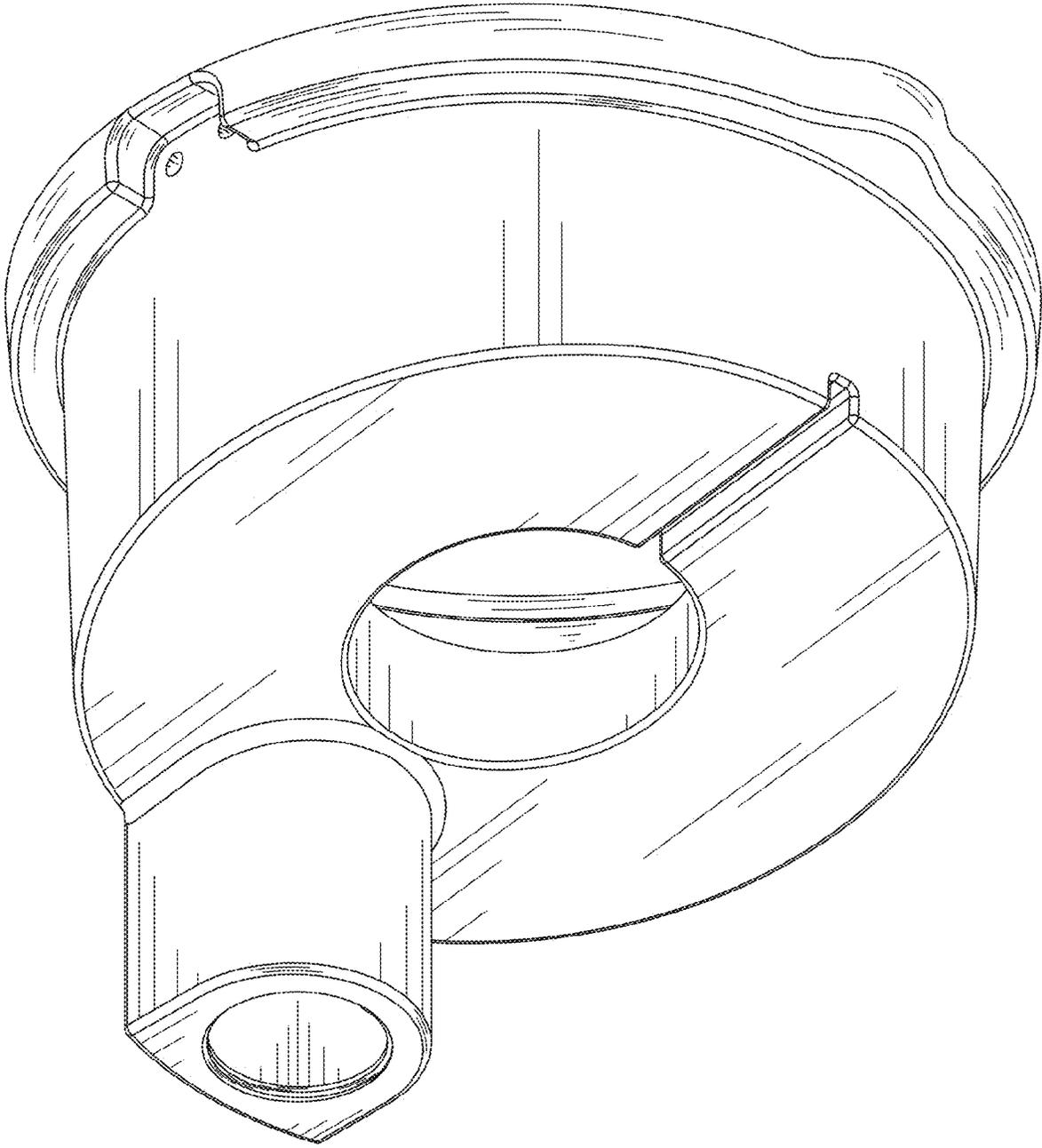


FIG. 2

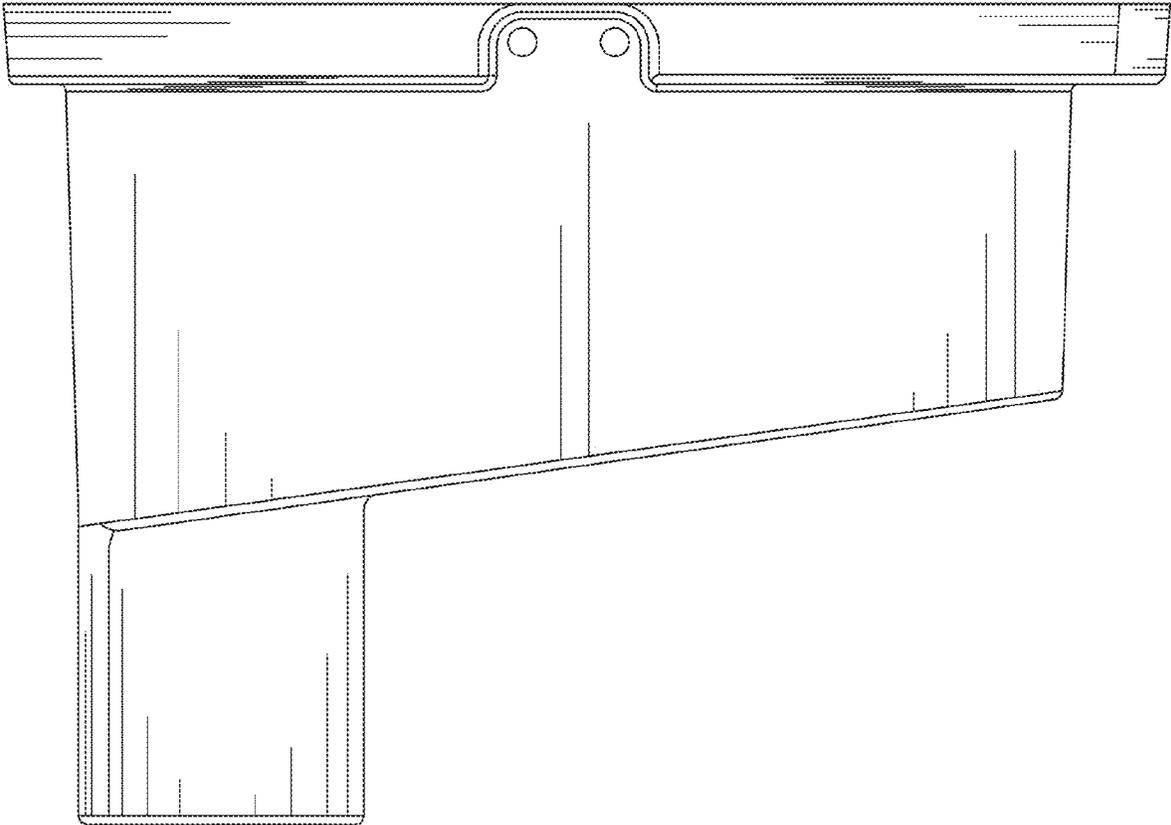


FIG. 3

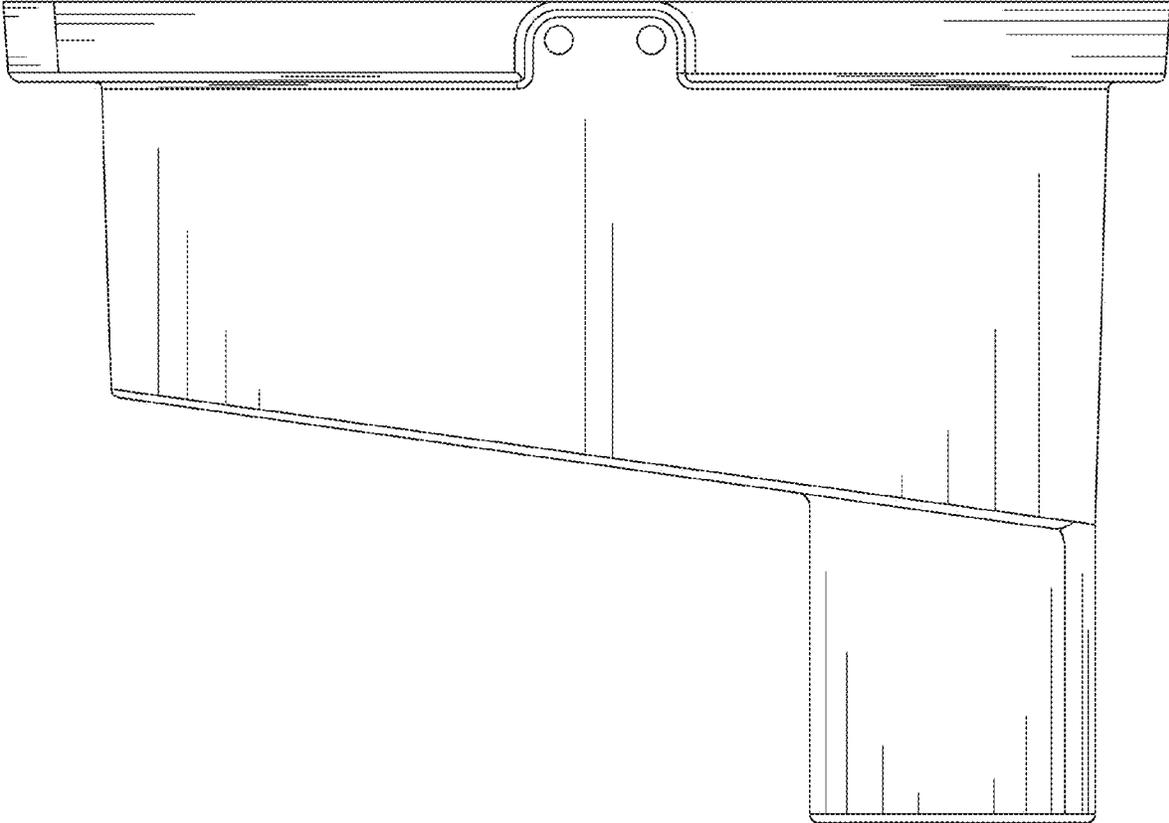


FIG. 4

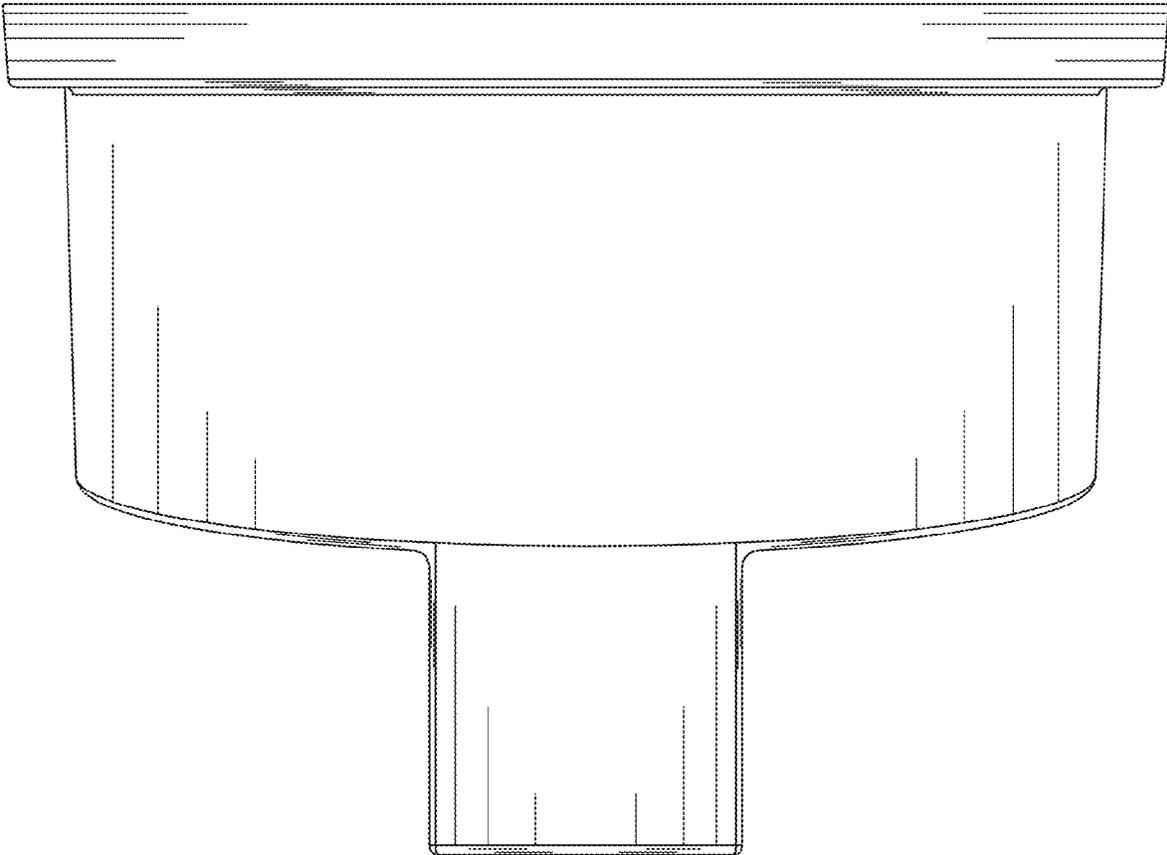


FIG. 5

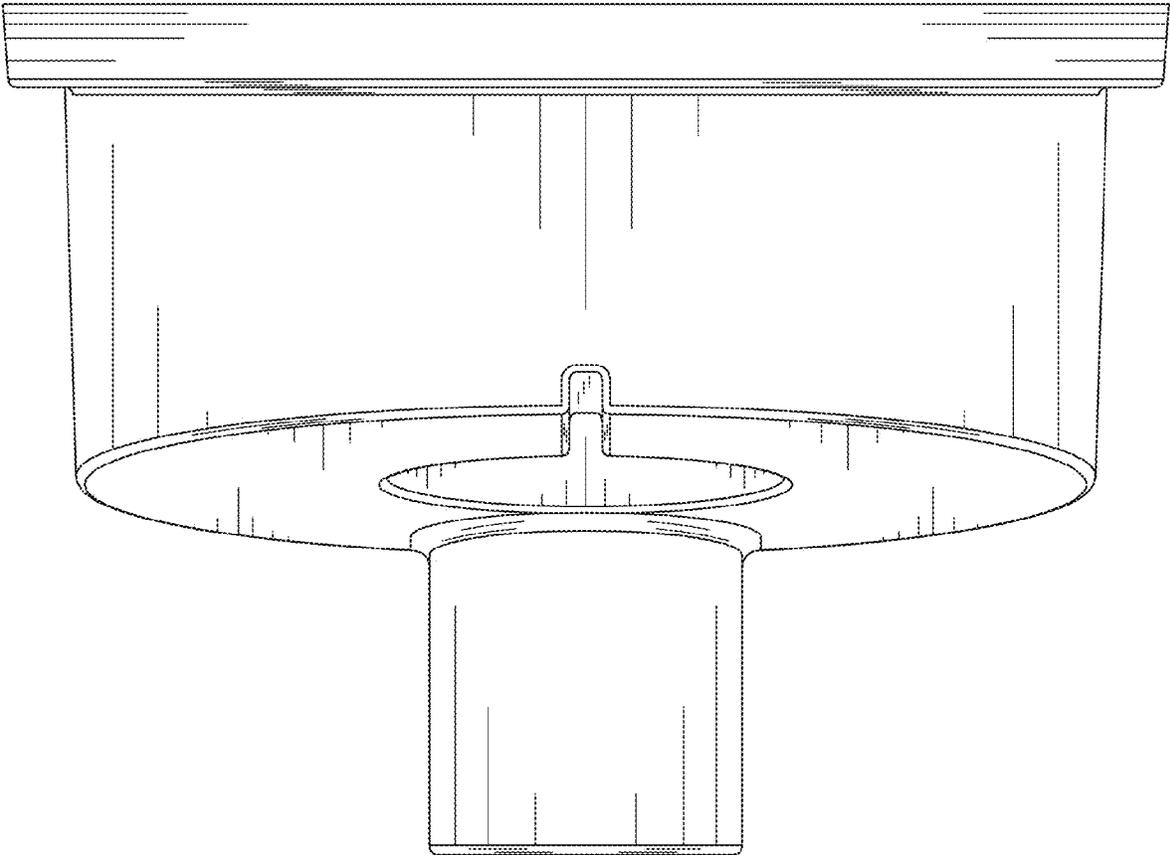


FIG. 6

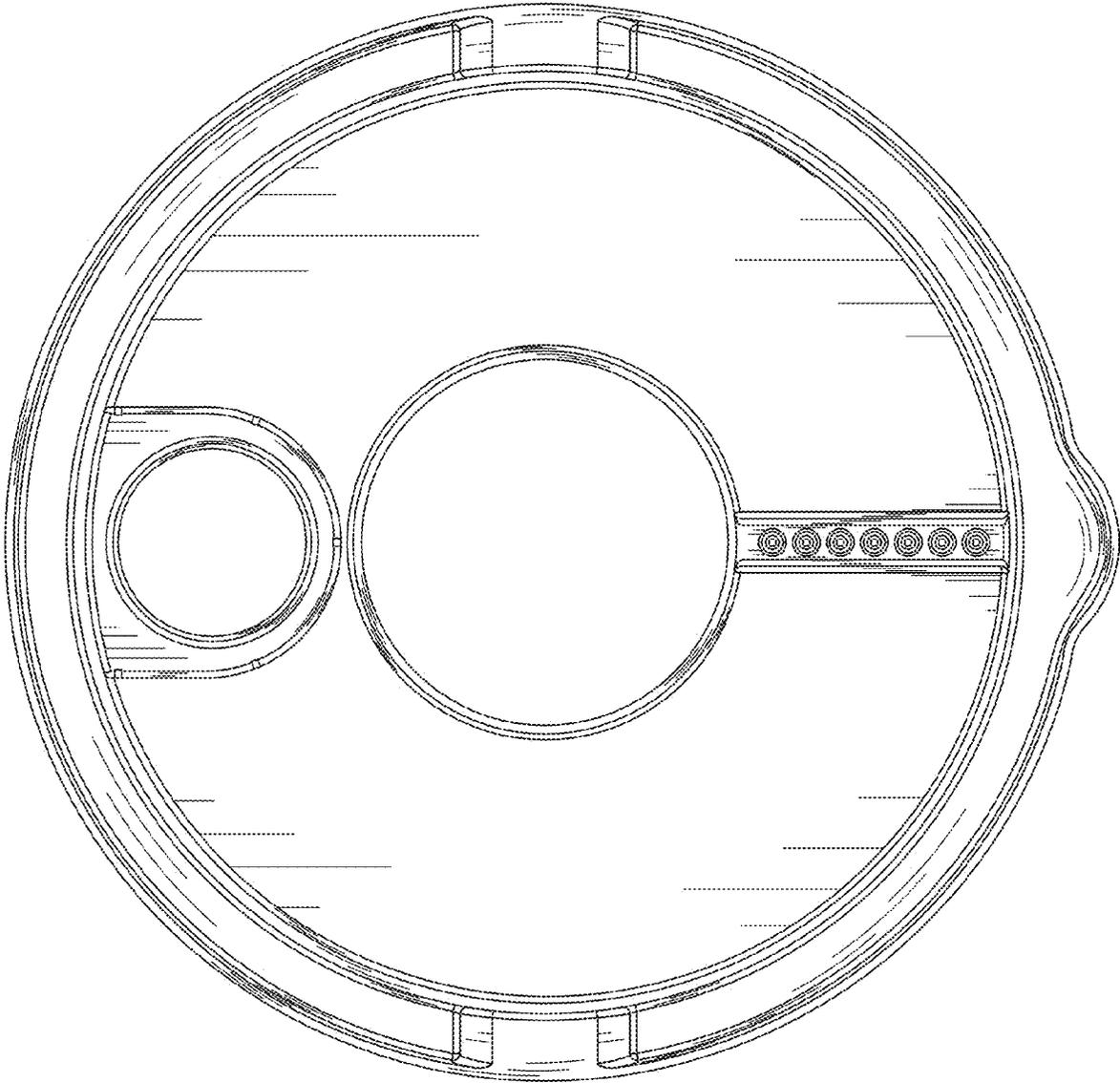


FIG. 7

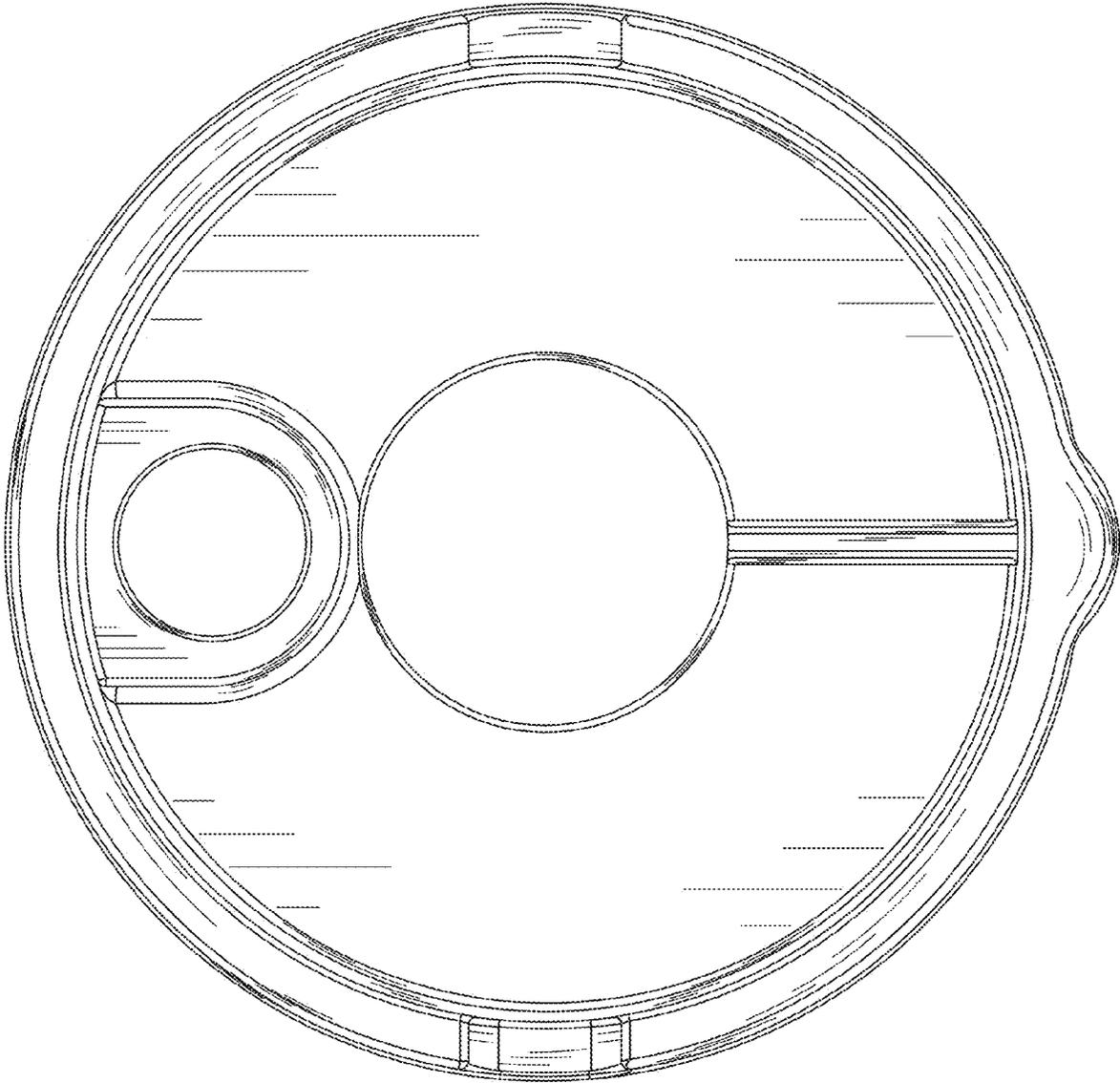


FIG. 8